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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: MORSEMAN *et al.*

Application No.: 09/882,376

Group Art Unit: 1641

Filed: June 18, 2001

Examiner:

For: HIGH FLUORESCENT INTENSITY CROSS-LINKED ALLOPHYCOCYANIN

**PRELIMINARY AMENDMENT UNDER MPEP 714.09**

Commissioner for Patents  
Washington, D.C. 20231

Please enter the following amendments and remarks prior to examination of the present application. Applicants submit herewith: (a) Exhibit A, a marked up version of a replacement paragraph of the specification.

**IN THE SPECIFICATION**

~~A marked up version of the following amended paragraph is attached hereto as Exhibit A. Matter that has been deleted is indicated by brackets and matter that has been added to the paragraph is indicated by underlining.~~

Please amend the specification by adding the following paragraphs at page 10, line 16:

Figure 2A illustrates the fluorescence emission spectra of APC at 500 ng/ml where solid line represents APC stored for 0 h and the dotted line is APC stored at room temperature for 2 h. Note that at 0 h, the emission maximum was 660 nm while after 2 h the emission shifted to 642 nm and lost 50% of its fluorescence emission intensity. In Figure 2B the solid line illustrates the fluorescence emission spectra for SL-APC stored at a concentration of 500 ng/ml in PBS for 0 h and the dotted line is the emission spectra of the solution after being stored for 2 h. Similarly, in Figure 2C the solid line illustrates the fluorescence emission spectra for XL-APC stored at a concentration of 500 ng/ml in PBS for 0 h and the dotted line is the emission spectra of the solution after being stored for 2 h.